

LOWER COLORADO RIVER BASIN-LAKE MEAD, LAS VEGAS WASH

09419625 CORN CREEK SPRING AT NATIONAL FISH AND WILDLIFE HEADQUARTERS, NV

LOCATION.--Lat 36°26'20", long 115°21'26" referenced to North American Datum of 1927, in NW 1/4 NE 1/4 sec. 34, T.17 S., R.59 E., Clark County, Hydrologic Unit 15010015, in Desert National Wildlife Range, on right bank, at National Fish and Wildlife Headquarters complex, 4 mi east of U. S. Highway 95, and 20 mi northwest of Las Vegas.

PERIOD OF RECORD.--July 1985 to September 1994, January 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 2,790 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except estimated daily discharges, which are poor. See schematic diagram of Lower Colorado River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1.10 ft³/s, April 2, 1989, gage height, 1.44 ft; minimum daily, 0.20 ft³/s, many days.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.35 ft³/s, October 10, gage height, 1.00 ft; minimum daily discharge, 0.20 ft³/s, on several days.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.35	0.32	0.30	0.30	0.28	0.30	0.28	0.25	0.20	0.22	0.23	e0.25
2	e0.34	0.32	0.30	0.30	0.28	0.30	0.30	0.25	0.20	0.22	0.24	e0.25
3	e0.34	0.32	0.30	0.30	0.28	0.30	0.32	0.25	0.20	0.22	0.24	e0.25
4	e0.35	0.32	0.30	0.30	0.28	0.30	e0.32	0.24	0.20	0.22	0.23	e0.25
5	e0.35	0.32	e0.29	0.30	0.28	0.30	0.32	0.25	0.20	0.22	0.22	e0.25
6	e0.35	0.32	0.28	0.30	e0.29	0.30	0.29	0.26	0.20	0.22	0.22	e0.25
7	e0.35	0.32	0.27	0.30	e0.29	0.30	0.28	0.24	0.20	0.22	0.22	e0.26
8	e0.34	0.32	0.27	0.30	e0.29	0.29	0.30	0.24	0.21	0.22	0.22	e0.26
9	e0.34	0.32	0.28	0.30	e0.29	0.28	0.30	0.24	0.22	0.22	0.22	0.26
10	0.35	0.32	0.28	0.30	0.30	0.28	0.30	0.23	0.23	0.22	0.22	0.26
11	0.35	0.32	0.28	0.30	0.30	0.28	0.29	0.24	0.23	0.22	0.23	0.26
12	0.35	0.32	0.28	0.30	0.29	0.28	0.29	0.24	0.22	0.22	0.23	0.26
13	0.34	0.32	0.28	0.30	0.29	0.28	0.29	0.24	0.22	0.22	e0.23	0.26
14	0.34	0.32	0.28	0.30	0.29	0.28	0.29	0.24	0.22	0.22	e0.23	0.26
15	0.34	0.32	0.28	0.29	0.29	0.28	0.28	0.24	0.21	0.22	e0.23	0.26
16	0.34	0.32	0.28	0.29	0.29	0.28	0.27	e0.24	0.21	0.22	e0.23	0.26
17	0.34	0.32	0.28	0.28	0.29	0.28	0.26	e0.25	0.22	0.22	e0.23	0.26
18	0.35	0.32	0.28	0.28	0.30	0.27	0.29	e0.25	0.22	0.22	e0.23	0.26
19	0.35	0.32	0.28	0.28	0.30	0.26	0.29	e0.24	0.20	0.22	e0.23	0.26
20	0.35	0.32	0.28	0.28	0.30	0.26	0.29	e0.24	0.20	0.22	e0.23	0.26
21	0.35	0.32	0.28	0.28	0.30	0.26	0.30	e0.23	0.20	0.22	e0.24	0.26
22	0.35	0.31	0.28	0.28	0.30	0.26	0.30	e0.23	0.20	0.22	e0.24	0.26
23	0.35	0.30	0.28	0.28	0.30	0.26	0.28	e0.24	0.22	0.22	e0.24	0.26
24	0.34	0.30	0.28	0.28	0.30	0.26	0.26	e0.24	0.23	0.22	e0.24	0.26
25	0.34	0.30	0.28	0.28	0.30	0.26	0.26	e0.24	0.23	0.22	e0.24	0.26
26	0.34	0.30	0.30	0.28	0.30	0.26	0.26	0.24	e0.23	0.22	e0.24	0.26
27	0.34	0.30	0.30	0.28	0.30	0.27	0.26	0.24	e0.23	0.22	e0.24	0.27
28	0.35	0.30	0.30	0.28	0.30	0.28	0.25	0.21	e0.22	0.22	e0.24	0.27
29	0.34	0.30	0.30	0.28	0.30	0.28	0.26	0.20	0.22	0.22	e0.24	0.27
30	0.32	0.30	0.30	0.28	---	0.28	0.25	0.20	0.22	0.22	e0.24	0.26
31	0.32	---	0.30	0.28	---	0.28	---	0.20	---	0.22	e0.24	---
TOTAL	10.65	9.43	8.87	8.98	8.50	8.65	8.53	7.34	6.41	6.82	7.20	7.77
MEAN	0.34	0.31	0.29	0.29	0.29	0.28	0.28	0.24	0.21	0.22	0.23	0.26
MAX	0.35	0.32	0.30	0.30	0.30	0.30	0.32	0.26	0.23	0.22	0.24	0.27
MIN	0.32	0.30	0.27	0.28	0.28	0.26	0.25	0.20	0.20	0.22	0.22	0.25
AC-FT	21	19	18	18	17	17	17	15	13	14	14	15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2004, BY WATER YEAR (WY)

MEAN	0.30	0.30	0.31	0.30	0.30	0.29	0.29	0.29	0.29	0.30	0.30	0.30
MAX	0.36	0.37	0.39	0.37	0.37	0.37	0.37	0.37	0.37	0.36	0.37	0.36
(WY)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(1999)	(2002)	(2002)	(2002)	(2003)
MIN	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.24	0.21	0.22	0.23	0.25

SUMMARY STATISTICS			FOR 2003 CALENDAR YEAR			FOR 2004 WATER YEAR			WATER YEARS 1985 - 2004		
ANNUAL TOTAL			116.94			99.15			0.30		
ANNUAL MEAN			0.32			0.27			0.37		
HIGHEST ANNUAL MEAN									2002		
LOWEST ANNUAL MEAN									1987		
HIGHEST DAILY MEAN			0.37			Aug 28			0.35		
LOWEST DAILY MEAN			0.27			Dec 7			Oct 1		
0.20						May 29			0.39		
ANNUAL SEVEN-DAY MINIMUM			0.28			Dec 6			Oct 29		
MAXIMUM PEAK FLOW									0.20		
MAXIMUM PEAK STAGE									May 29, 2004		
ANNUAL RUNOFF (AC-FT)			232			197			1.1		
10 PERCENT EXCEEDS			0.35			0.32			Apr 2, 1989		
50 PERCENT EXCEEDS			0.32			0.28			1.44		
90 PERCENT EXCEEDS			0.28			0.22			Apr 2, 1989		

e Estimated